

RANGE 3A SOP

RANGE DESCRIPTION

Range 3A is an active small arms, multi-purpose live-fire range located at Grid 85646486. It is accessible from MCB-3. **Max range is 445m.**

Primary Use: Training and Qualification of individual small arms, crew-served machine guns (up to 7.62), 40mm grenade launcher (hand-held/low velocity only), and inert rocket launchers.

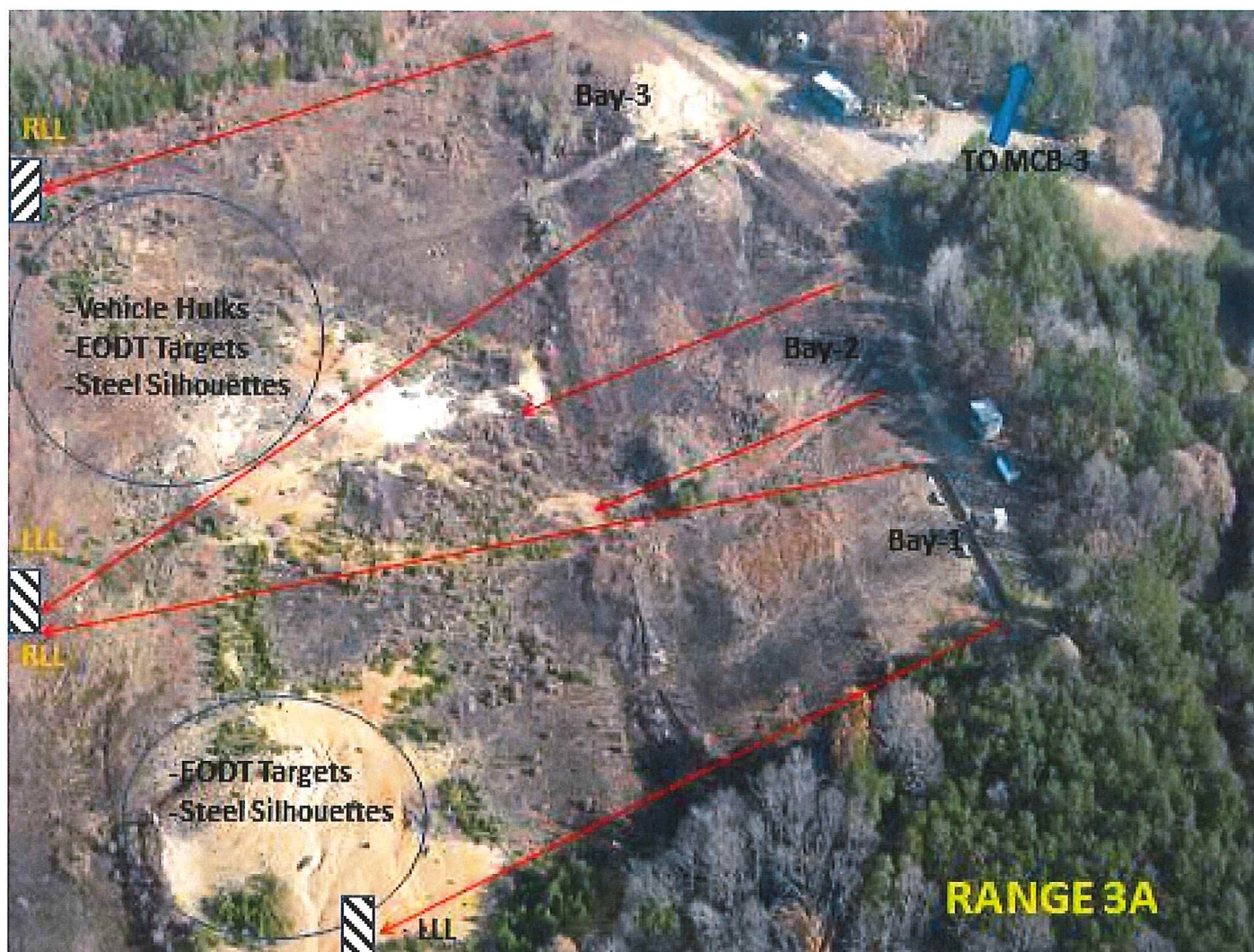
Alternate Use: None.

High Explosive ammunition is fired on Range 3A, designating it as a sensitive-fused, duded impact area.

This range is divided into 3 smaller sub-ranges or bays. They are numbered one through three, left to right.

DOWN RANGE MOVEMENT INTO THE IMPACT AREA IS PROHIBITED





Bay 1: 40mm Grenade Launchers, Rocket Launcher (Trainer Only)

Number Firing Points: Three pits with log walls.

WEAPONS AUTHORIZED:

- 40mm Grenade Launchers (M203, M32, M320 only)
- M-72 LAW Trainer
- AT-4 Trainer
- SMAW Trainer

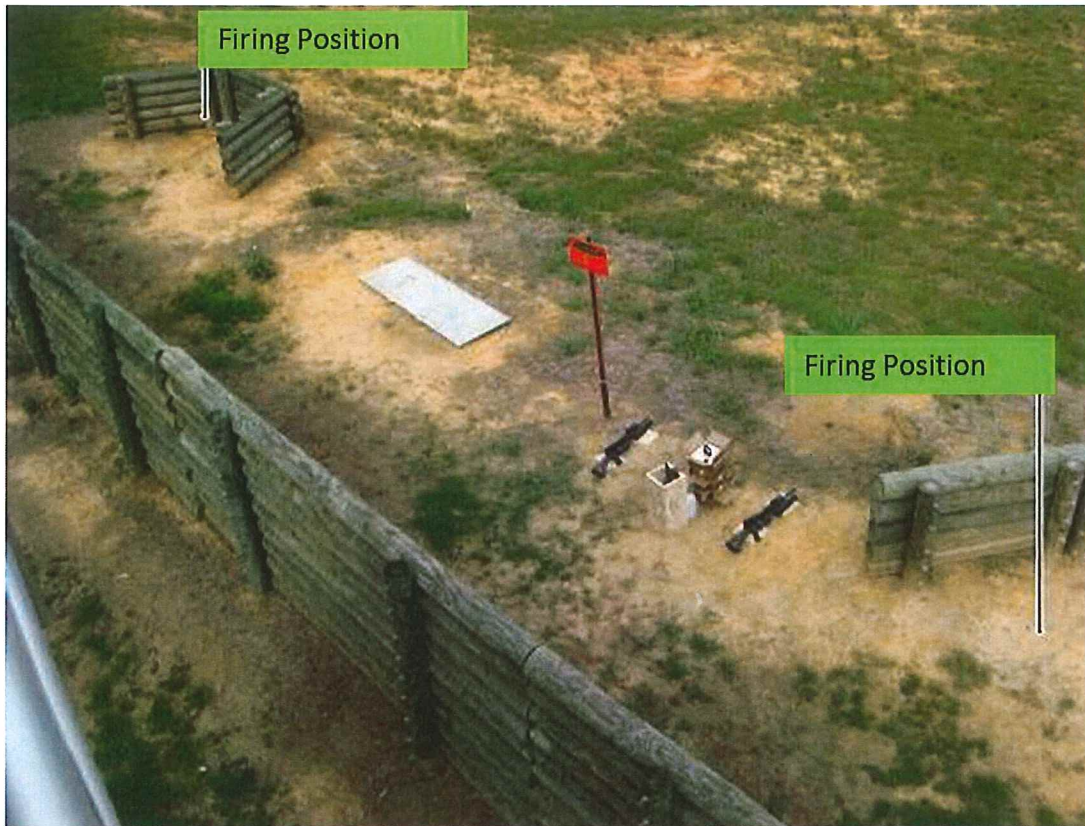
AMMUNITION AUTHORIZED:

- 40mm (Low Velocity) All
- AT4 Trainer (9mm)
- SMAW Trainer (9mm)
- M72 21mm SubCal

Targets: (2) EODT/Array of Steel Silhouettes (min range-170m/max range-340m)



Bay-1 Firing Line



Bay-1 From Tower



Bay-1 From Firing Pit

Bay 2: BZO and Limited Fire and Movement (Prior Approval Required)

Number Firing Points: 20

WEAPONS AUTHORIZED:

- Service Rifle
- Shotgun
- Pistol
- M40A3/A5
- Light and Medium Machine Guns
- Automatic Rifles

AMMUNITION AUTHORIZED:

- 5.56mm (All)
- Shotgun (All)
- 7.62mm (All)
- Pistol (All)

Targets: Paper Targets Only (engaging steel targets down range is not authorized)



Bay-2 Firing Line

Bay 3: Limited Fire and Movement

Number Firing Points: Multiple

WEAPONS AUTHORIZED:

- Service Rifle
- Shotgun
- Pistol
- SMAW/LAAW/Trainer
- AT-4 Trainer
- M40A3/A5
- Light and Medium Machine Guns
- Automatic Rifles

AMMUNITION AUTHORIZED:

- 5.56mm (All)
- Shotgun (All)
- 7.62mm (All to include Special Ball see special instructions para 11)
- Pistol (All)
- AT4 9mm
- SMAW 9mm
- LAAW 21mm Subcal

Targets: Multiple EODT, steel silhouette, and vehicle hulks (min range-200m, max range-445m)



Bay-3 Targetry



Bay-3 Firing Line

Special Instructions:

1. Only weapons and ammunition listed in this SOP will be used on this range.
2. OIC and RSO must be present while live fire is in progress.
3. This is a sensitive fuse impact area. DOWN RANGE MOVEMENT INTO THE DUDDIED IMPACT AREA IS PROHIBITED ON RANGE 3A. Only MCB Quantico Explosive Ordnance Disposal (EOD) personnel are authorized to enter.
4. Ensure range flags are posted, ear protection is worn (eye protection for steel), safety brief is given, Range Control contacted and all fires are directed between the left and right lateral limits markers (black and white striped).
5. All brass, trash, targetry and materials will be removed completely at the end of training by the using unit. This includes any materials used to place targets on.

6. All left and right lateral limit markers are black and white striped. Left side markers have stripes running top to bottom, left to right. Right side markers have stripes running top to bottom, right to left. This range has two (2) sets of markers. The set on the left is for Bay-1. The set on the right is for Bay-3.

7. Fire and Maneuver is not authorized on Range 3A.

8. Limited Fire and Movement is authorized on Bays 2 and 3 with prior approval from Range Control only. Troops will not move beyond the "Dudded Impact Area" signs for any reason. Safety supervisors to shooter/student ratio will be 1:1.

9. HE ordnance (40mm) will only be fired from Bay 1 (depicted in photos). It will only be fired into the left side impact area depicted by the lateral limit markers.

10. AT-4, SMAW, and LAAW trainers can be fired from anywhere on the firing line in Bay-1.

11. Use of 7.62mm or 7.62mm Special Ball ammunition in Bay 2 or Bay 3 closes Range 5.

12. Bay 2 may only be used for the purpose of weapons BZO with prior approval of Range Control. This bay utilizes the left and right target stands that will be placed ten meters downrange as the left and right lateral limits. Shooters will not use the left and right lateral limit signs that are downrange in the impact area. Shooters will not fire at the steel targets downrange.

13. Entrance or exit to or from Range 3A is restricted when MCB 3 is closed due to Murphy Demolition Range detonating charges. Units on Range 3A must coordinate all ingress/egress of personnel with and must follow all special instructions provided by Range Control.

14. 40mm grenades will only be fired from Bay-1. High Explosive (HE) grenades will not be fired when it is snowing, or there is 2 inches or more of snow or water on the ground.

15. The number of weapons that can be fired from the Bay-2 and Bay-3 firing lines will depend on the type of weapon system, its size and the space needed to safely fire.

16. Units that do not occupy their range within two hours of their scheduled occupy time will lose the use of that range for that day.

17. Range 5 cannot be occupied when Range 3A is firing 7.62 mm from Bay-3.

18. GP-4 cannot be occupied when Range 3A is firing 7.62, 5.56 and 9mm from Bay-3.

APPLICABLE MAP SHEET. All grid coordinates listed in this order apply to the Quantico Military Installation Map V834S Edition 4-NGA 1:25000.

FACILITIES

Towers: 2
Bleachers: 2
Sheds: 1
Ammo Breakdown table: 1
Parking: Yes. Approx 15 - 20 vehicles.

UTILITIES AVAILABLE

Electricity: None
Lights: None
Water System: None

INSTALLED COMMUNICATIONS. None

Nearest MEDEVAC Landing

MILES

Zones (LZ)

1

86706410 (LZ 7)

Directions: Exit Range 3A, turn right on MCB-3 and go approx 1 mile. LZ 7 will be on the right.

LASERS AUTHORIZED. Approved aiming devices mounted on standard approved service weapons (no Class 3B or 4 except for PEQ15 and PEQ16 with filter on).

COMMUNICATION REQUIREMENTS:

1. A radio check is required immediately upon occupying any portion of the RTA, every 30 minutes in a live fire status and every 3 hours in a non-live fire status.
2. The Range Control Facility (RCF) Fire Desk Net Control call sign is "Range Control". Your call sign is "Range 3A".
3. The primary RCF Fire Desk Net Control frequencies are: ELMR talk group "RC Safety" (ground) and 323.7 AM UHF (air).
4. The secondary RCF Fire Desk Net Control is telephone, numbers: 703-784-5321 or 5322.
5. OIC/RSO will monitor the RCF primary and secondary Safety Nets at all times. Instant communication is required.
6. Any unit with organic ELMR radios will have their ELMR radios programmed with the "RC Safety" talk group and use those radios as their primary means of communication within the RTA.

7. Units without organic ELMR assets will be issued ELMR radios from RMB upon check-in.
8. Approved Non-ELMR radios are only authorized for internal communication (ground) upon approval from the MCB Quantico Spectrum Manager.
9. If the RCF cannot reach a unit within the RTA via primary communication, the unit will be contacted via the secondary means of communication.
10. Upon loss of primary communication the OIC/RSO will initiate a "check fire"/cease training status and will contact the RCF via secondary communication. This communication will be maintained while primary communication is being restored. Units may only resume firing/training once primary communication has been re-established and clearance is granted by the RCF.

INJURY CLASSIFICATIONS:

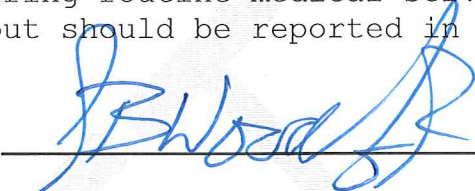
Injuries are classified into the following categories in order to aid in casualty evacuation from the RTA.

1. ROUTINE. Routine injuries are those injuries that are not threatening to life, limb or eyesight; and conditions or illnesses treatable by medication or procedures available at the base medical facilities.
2. PRIORITY. Priority injuries are those injuries that require immediate medical attention but are not threatening to life, limb, or eyesight if treated promptly.
3. URGENT. Urgent injuries are severe injuries that are threatening to life, limb, or eyesight and require immediate medical attention.
4. MASS CASUALTY. A mass casualty is a series of injuries with multiple priority and urgent medical patients.

MEDICAL EVACUATION (MEDEVAC) PROCEDURES:

1. Injury occurs.
2. Range immediately cease-fires.
3. Medical support evaluates/treats injured personnel.
4. OIC/RSO notifies the RCF of the injury, stating briefly what happened, the extent of the injury and what type of MEDEVAC transportation needed (ground/air).
5. Maintain constant radio contact with Range Control and await further instructions.

*Minor injuries and illnesses requiring routine medical services in the field need not be reported to RMB but should be reported in unit training logs.



Range Control Officer

Date: 28 FEB 2017